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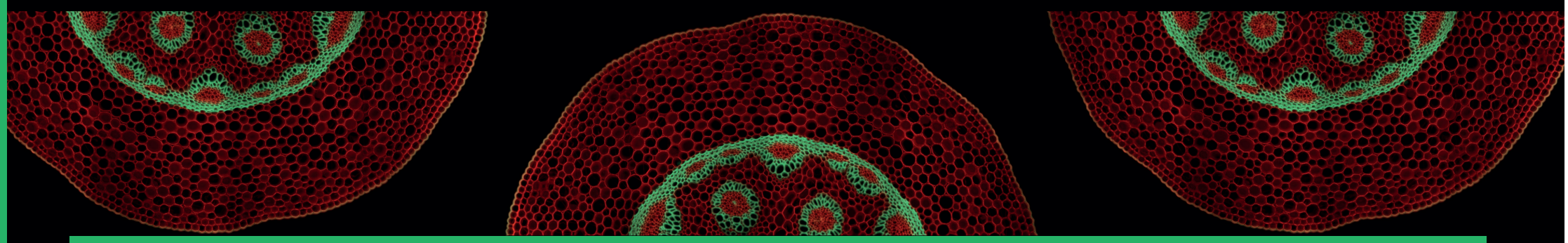
Turun yliopisto
University of Turku

Åbo Akademi

ACADEMIC EXCELLENCE IN LIFE SCIENCE AND MEDICINE

FRONTIERS OF SCIENCE
SPRING SEMINARS 2018
On Thursdays at 12:00 in Presidentti auditorium, BioCity, Tykistökatu 6, Turku – unless otherwise stated

Frontiers OF Science



SPRING SEMINARS 2018

JANUARY

January 25th
Prof. Robert Grosse, University of Marburg, Germany
Life with nuclear actin filaments: from nuclear growth to chromatin dynamics
Host: Johanna Ivaska (johanna.ivaska@utu.fi)

FEBRUARY

Feburary 1st
Associate Prof. Björn Högberg, Karolinska Institute, Stockholm, Sweden
DNA origami deciphers receptor signalling
Host: Cecilia Sahlgren (cecilia.sahlgren@abo.fi)

February 15th
Prof. Julio Aguirre-Ghiso, Icahn School of Medicine at Mount Sinai, New York, USA
Mechanisms of cancer cell dormancy and its impact on the paradigm of metastasis development
Host: Johanna Ivaska (johanna.ivaska@utu.fi)

MARCH

March 8th
Prof. Dieter Kabelitz, University of Kiel, Germany
gd T-cells: An immune cell population at the cross-road of innate and adaptive immunity
Host: Jorma Määttä (jorma.maatta@utu.fi)

March 15th
IN ALPHA AUDITORIUM, ICT BUILDING, LEMMINKÄISENKATU 3–5
Prof. Dr. Wolfgang Schamel, University of Freiburg, Germany
Using optogenetics to study the dynamics of TCR signaling
Host: Riitta Lahesmaa (riitta.lahesmaa@utu.fi)

March 22nd
Prof. Søren K. Moestrup, Aarhus University, Denmark
Specific targeting of macrophages in anti-inflammatory therapy – From molecular discoveries to animal studies
Host: Sirpa Jalkanen (sirpa.jalkanen@utu.fi)

APRIL

April 5th
Dr. Mohamed Bentires-Alj, University of Basel, Switzerland
Breast tumor heterogeneity, resistance and metastasis
Host: Srikar Nagelli (srikar.nagelli@utu.fi)

April 12th
Prof. Hongquan Zhang, Peking University Health Science Center, China
Integrin-interacting proteins Kindlins: biology and related diseases
Host: Jyrki Heino (jyrki.heino@utu.fi)

April 19th
Prof. Jeff Rathmell, Vanderbilt University, Nashville, USA
Fueling T cells in inflammation and tumors
Host: Subhash K. Tripathi (sukutr@utu.fi)

MAY

May 3rd
Prof. Gordon G. Wallace, University of Wollongong, Australia
3D bioprinting – Printing parts for bodies
Host: Stefan Willför (swillfor@abo.fi)

May 17th
Dr. Marc Mendillo, Northwestern University, Chicago, USA
Exploring and exploiting the stress phenotype of cancer
Host: Alejandro Da Silva (adasilva@abo.fi)

May 24th
Dr. Robert D. White, Memorial Hospital of South Bend, IN, USA
Building babies' brains – Are we using the right tools?
Host: Liisa Lehtonen (liisa.lehtonen@utu.fi)

May 31st
Prof. Usha Menon, University College London, UK
Biomarkers for screening and differential diagnosis of ovarian cancer
Host: Kaisa Huhtinen (kaisa.huhtinen@utu.fi)

FRONTIERS OF SCIENCE SEMINARS ORGANISED BY BIOCITY TURKU RESEARCH PROGRAMMES:
Advanced Bioresources and Smart Bioproducts – Towards Sustainable Bioeconomy; Biomaterial and Medical Device Research Programme; Computational and Molecular Methodologies for Life Sciences; Diagnostic Technologies and Applications; Lifespan of Cardiovascular, Inflammatory, Endocrine & Metabolic Disorders - LIFESPAN; Receptor Programme; Translational Infectious Disease and Immunity Research Programme

AND BY DOCTORAL PROGRAMMES:
Doctoral Programme in Biology, Geography and Geology (BGG, UTU); Doctoral Programme of Clinical Investigation (CLIDP, UTU); Doctoral Programme in Molecular Life Sciences (DPMLS, UTU); Drug Research Doctoral Programme (DRDP, UTU); Finnish Doctoral Program in Oral Sciences (FINDOS, UTU); National Doctoral Programme in Informational and Structural Biology (ISB, ÅAU); Turku Doctoral Network in Molecular Biosciences (MolBio, ÅAU); Turku Doctoral Programme of Molecular Medicine (TuDMM, UTU)

FURTHER INFORMATION
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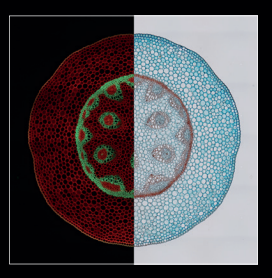
TURKU BIONET SEMINAR CALENDAR
https://www.biocity.turku.fi

ORIGINAL IMAGE BY DMITRY MOLOTKOV, JULY 2015, BIU HELSINKI
Convallaria rhizome section stained with Fast Green and Safranin. 2-channel fluorescence, bright field, tiles and post processing in FIJI. Zeiss AxioImager.Z1, EC Plan-Neofluar 10x/0.3 air, Hamamatsu Orca R2 and Zeiss AxioCam MRc5



We acknowledge Faculty of Medicine Postgraduate Education Unit (PGE) for funding Frontiers of Science Seminars.